

# PATENT ABSTRACTS OF JAPAN

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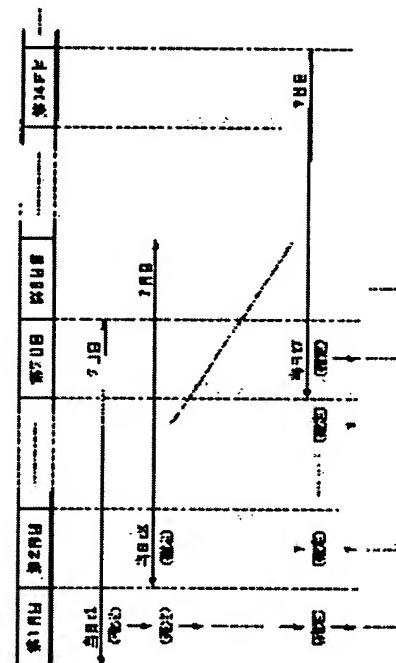
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## (54) PRODUCTS DISTRIBUTION PLANNING DEVICE

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a products distribution planning device which calculates highly efficient products distribution plan in a short time and also in a mobile manner.

**SOLUTION:** A ships allocation plan corresponding to the first stock shortage in each SS is calculated based on the ships arrangement (arrangement of each ship) of ships for the day obtained as an initial state with the prescribed period from the day (the day t1) to seven days ahead (the 7th day) as an object, and the calculated ships arrangement plan is decided as ships plan for the day. Next, the following day (the day t2) of the day is set as the new day, a ships plan is calculated about the prescribed period till seven days ahead (the 8th day), based on ships arrangement in ship allocations plan for the defined day in the same manner and the ships allocation plan for the new day (the day t2) is thus determined. A series of such processing is sequentially repeated till the 14th day in the unit of a day.



## LEGAL STATUS

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